

Title (en)
BASE STATION DEVICE AND CELL SWITCHING DETERMINATION METHOD

Title (de)
BASISSTATIONSEINRICHTUNG UND ZELLENWECHSEL-BESTIMMUNGSVERFAHREN

Title (fr)
DISPOSITIF DE STATION DE BASE ET PROCÉDÉ DE DÉTERMINATION DE COMMUTATION DE CELLULE

Publication
EP 2117239 A1 20091111 (EN)

Application
EP 07707485 A 20070126

Priority
JP 2007051253 W 20070126

Abstract (en)
A base station apparatus and a cell switching determination method for preventing a decrease in communication throughput at the time of the cell switching of a terminal are provided. The base station apparatus comprises a calculating means for totalizing the communication throughput of a terminal in a selected cell for each terminal in each cell to calculate the total value of the communication throughput in the unit of cells, a reception means for receiving reception quality information on the selected cell generated by the terminal and one other movement destination cell out of the plural cells, a judging means for obtaining the difference between the reception quality information on the selected cell and the reception quality information on the movement destination cell which are received by the reception means to judge whether or not the terminal belongs in a cell switching segment, and a determining means for determining the movement destination cell as a new selected cell by the comparison between the total values of the communication throughput in the unit of cells for the selected and movement destination cells, which are calculated by the calculating means if the judging means judges that the terminal belongs in the cell switching segment.

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